

AMENDMENT No. – III

Name of Project : Construction of Phase-I works Comprising Research Lab with R & D Office, Hostel Block including Guest House, Type-III Residential Quarters, Security Lodge, Animal Farms, Animal House STP including associated works for National Institute of Animal Biotechnology (NIAB) at Hyderabad.

Tender No. : HSCC/NIAB/Phase-I/2014/02; dated: 21/04/2014

Reply to Pre Bid Queries raised by bidders during pre - bid meeting held on 07.05.2014 at Hyd.

(i) The Last date of submission & opening of bids has been extended as follows:

Last date to fill/upload the tender through e-Tendering : upto 15:00 hrs on 28.05.2014

Date of Opening of bids : on 28.05.2014 at 15:30 hrs.

Sl.No	Contract clause / BOQ ref	Description	Contractor's Query	Reply to query
1	-	Mobilization advance	We request to provide a interest free mobilization advance of 15% of the contract value.	Request not accepted. Tender conditions prevail.
2	-	Price Adjustment	Kindly specify the component percentages for price adjustment of individual components.	Clause No. 48.7 of GCC may be referred for components
3	-	Cost of tender document and processing fee	We request to wave off the tender fee & processing fee of those bidder who have already paid this amount during the earlier tender.	Request not accepted. The bidders who are participating in the tender now, are required to pay tender document fee.

4	ITB Clause no 11 (SCC)	Tender validity - ITB Clause no 11	We request client that - tender validity shall be 90 days from the date of submission as there are fluctuation in market prices regularly.	Request not accepted. Tender conditions prevail. Refer Clause no 11 of SCC vol. III
5	-	Date of Commencement of work	Date of commencement shall be after 21 days from the date of issue of Notice to Proceed with the works. (A minimum of 21 days to be allowed for mobilization of resources).	Request not accepted. Tender conditions prevail. Ref. GCC Clause 1.1 (c) i.
6	-	Secured Advance against materials brought to site	Request to consider for Secured advance against materials at 90% of the purchase value, brought to the site, which shall be recovered from Interim payments on consumption basis	Request not accepted. Tender conditions prevail. Ref GCC Clause 60.1 (k).
7	-	Land for Labour colony and other facilities	We request for a rent free high land from the employer for establishing our Labor colony and other site facilities required for the project execution.	Request not accepted. Tender conditions prevail. Ref GCC Clause 34.1
8	SCC Clause no 33.f	Interim Payments / SCC Clause no 33.f	The payments are requested to be made in two parts, one as an adhoc of 90% of the Bill value as assessed by engineer, with in 7 days from the date of submission of the bill and balance with in 30 days from the date of submission of the bill	Request not accepted. Tender conditions prevail.
9	SCC Clause no 33.d	Retention money/ SCC Clause no 33.d	We request client to consider Retention Money in the form of BG for a value of 5% of awarded value and there shall be no retention from R.A bill.	Request not accepted. Tender conditions prevail
10	-	Water & Electricity	Please clarify any sources available at one point of site that could be made available to the contractor for free of cost or on chargeable basis	Not available at site. Contractor shall make their own arrangement for the same. Ref SCC Clause 39.2.4
11	-	Arbitration Proceedings	Arbitration proceedings shall be held at Bangalore, Karnataka, India.	Request not accepted. Tender conditions prevail.
12	-	Extra Items	The items for which BOQ item rate provision is not available and needs to be executed, then the rates shall be arrived as per the actual costs of materials+labour+plants and machinery +20 % on all the expenses towards contractor's Over heads and profit + applicable taxes.	Request not accepted. Tender conditions prevail. Ref SCC Clause 47

13	-	Service Tax	Please clarify whether Service Tax is applicable (As it is a Government Project)	Service Tax not applicable
14	-	Taxes	Please mention the Taxes deducted at source by the Employer other than Income Tax, if so kindly communicate the percentage	As per statutory requirement and relevant provision of competent authority applicable from time to time
15	-	Tender Drawings	We request client to provide all drawings (Structural & Architecture) in Auto CAD format	Tender drawings already uploaded on e-tender portal in PDF format.
16	-	Structural Composition	Please provide us the Area statement for individual blocks floor wise. Also provide the number of floors in individual blocks.	Tender drawings already uploaded in e-tender portal. Ref. Master plan for area statement.
17	-	Use of Fly Ash	IS code has provision for use of fly ash as cementitious material. In this regard we request client to allow for use of fly-ash as cementitious material in concrete.	Shall be governed as per relevant B.O.Q. Items.
18	-	Use of Manufactured Sand	We request client to allow for use of manufactured sand in concrete.	Request not accepted. Tender conditions prevail
19	-	Scope of Works	As it is a Item Rate Tender we presume that there shall be no scope of design of structure by the contractor, please clarify.	Tender conditions prevail
20	-	Labour Cess	Please clarify whether labour cess is applicable and component of percentage	As per statutory requirement prevailing in the state of Andhra Pradesh and payable by contractor
21	-	Client Facilities	Facilities to client shall be made as a Item in BOQ, as it is a Item Rate tender. Also provide the size of office space	About 750- 800 sft space for sample room, meeting room etc with tables & chairs 2 computers two printers along with a vehicle for day to day material inspections and material testing at outside laboratory is required.
22	-	BOQ	We request client to provide us BOQ in the form of MS-Excel format in order to prepare our working cost	BOQ already uploaded on e-tender portal in PDF format.

23	-	Utility Shifting	We request client to provide BOQ, drawings for Shifting of utilities.	BOQ & drawings already uploaded on e-tender portal.
24	GCC Cl. 31.2	Facilities for other Contractors GCC Cl. 31.2	Any facilities extended to other contractors, which has got cost implications, then the same shall be provided on chargeable basis which shall be decided mutually along with the Engineer to the project.	Shall be as per GCC Clause 31.2.
25	GCC Clause 67.3.1	Arbitration	We request to appoint a mutually agreed Arbitrator or 3 arbitrators, on one appointed by each party and the 3 rd joint by the Arbitrators so appointed.	The arbitrator shall be appointed in terms of clause 67.3.1 of GCC
26	GCC Clause 52.2	Variation For Price	The variation should be allowed only up to a maximum of + /- 20%	Tender condition prevails
27	GCC Clause 60.7	No Advance payment	Request for 10% of contract payment interest free	As per condition of the tender
28	GCC Clause 70.1	Changes in cost and Legislation- Increase or decrease of cost: It shall be added to or deducted from the Contract price such sums in respect of rise or fall in the cost of labour and/or materials or any other materials affecting the cost of the execution of the works as may be determined in accordance with part II of these conditions	Please clarify/ Provide Part II	The words "part II" are substituted with clause 48.5, 48.6 & 48.7 of Vol.-II (GCC).
29	General	No Clause for "no consequential damages" and maximum liability	1) Under any circumstances whatsoever, contractor shall not be liable to employer under this contract or other for any loss of production, loss of profit or revenues, loss of use of the supply or any associated equipment or work, loss of business relation, loss of contracts or other financial loss, cost of capital, cost of replacement, downtime costs, increased operating costs, claims of the employer's customers for such damages, or for any special, consequential, incidental, indirect, punitive or exemplary damages (or equivalents thereof no matter how claimed, computed or characterized) arising out of or in connection with the contract or other. 2) The aggregate total liability of the contractor to employer under the contract shall not exceed the total contract price.	Tender conditions prevail.

30	SCC Clause no. 41	<p>Compliance of statutory obligations for obtaining completion certificates: The contractor is required to obtain all NOC, completion & occupancy certificates from respective local bodies as under: i) Pollution control board, ii) Environment clearances, iii) NOC from fire department, iv) Lift licence, v) Chief Electrical Inspector CEA vi) Municipal authority/HMC vii) Airport authority, viii) Tree cutting, ix) Explosive department, x) Local Jal Board/Municipal authority for water and sewer connection, xi) and any other statutory requirement to occupy the building and run the services in all respect. Contractor shall organise all inspections of concerned authorities & obtain the NOC's within the time for completion.</p>	This is being an item rate contract, we request you that all the NOC, completion and occupancy certificate from respective local bodies shall be obtained by owner/client. We shall be taking all the necessary permissions, licenses and complying with all other statutory requirements which are necessary for our construction activities.	Pre-construction approvals/NOC's shall not be in the scope of contractor. However, post construction approvals/NOC's co-ordinations, follow ups arranging inspections from the statutory authorities shall be in the scope of the contractor.
31	Sub head –I, Earthwork Item No. 1.1 and 1.2	Item description	Please provide full item description	Please refer amended BOQ which has been uploaded on e-tender portal
32	Sub head –III, RCC work, Item No. 3.9	M 25 Grade Concrete	Please provide full item description	Please refer amended BOQ which has been uploaded on e-tender portal
33	Item No. 3.10 (a)	M 30 Grade Concrete	Please provide full item description	Please refer amended BOQ which has been uploaded on e-tender portal
34	Sub head – V, Marble & Granite work, Item No. 5.1 (b) & 5.2 a,b	Basic rate of granite	Please confirm that the given basic rate is inclusive of all taxes, duties and transportation	Yes, the basic rate is inclusive of all taxes, duties & transportations.
35	Sub head – V flooring, Item no. 8.9, 8.11, 8.12, 8.13, 8.14	Basic rate	Please confirm that the given basic rate is inclusive of all taxes, duties and transportation	Yes, the basic rate is inclusive of all taxes, duties & transportations.
36	Sub head – V Finishing, item No. 10.19	Rate not less than Rs. 300/Sqm	Please confirm that the given basic rate is inclusive of all taxes, duties and transportation	Yes, the basic rate is inclusive of all taxes, duties & transportations.
37	Vol-4 Clause No. 2.03.1 Technical specification page 8 of 120	In addition 10% (Ten percent) of the cost of waterproofing item work shall be retained as security deposit and the amount so withheld would be released after ten years from the date of completion of the entire work.	We request you to wave off this additional security deposit to be retained for ten years. Instead we shall provide you guarantee in bond paper for workmanship and materials.	Tender condition prevails.

38	General	Item description	Please provide full item descriptions for all items specified in the given BOQ's	Please refer amended BOQ which has been uploaded on e-tender portal
39	General- NIT Addendum	Last date to fill/upload the tender through e-tendering- 20/05/2014 up to 15.00 hrs & opening at 15.30 hrs	Please extend the bid submission date from 20/05/2014 to 10/06/2014	The Last date of submission of bid is extended upto 15:00 hrs. on 28.05.2014. & Opening on same date at 15:30 hrs.
40	Sub head – XIX Fire fighting system, item No.19.2 of BOQ	Supplying and fixing single headed internal hydrant valve with instantaneous Gun Metal	(i) Shall we consider the size of internal hydrant valve of 63 mm dia. per your provided specifications. Please confirm	The size shall be as per IS 5290
41	Sub head – XIX Fire fighting system, item No.19.12 of BOQ	Supplying & fixing of air vessel made of 250 mm dia. 8 mm thick MS sheet, and 1200mm in height.	As per technical specifications for internal electrification & fire fighting work clause no. 12.08 page no. 91 in which air vessel is made of 450 mm dia. of 1800 mm height. Please confirm.	Air vessel shall be as per CPWD specification electrical Part –V.
42	Sub head – XIX Fire fighting system, item No.19.20 of BOQ	Providing, fixing, testing & commissioning of installation control valve of cast iron body	Please provide the size of the control valve	The valve size shall be same as MS pipe size i.e 150 mm dia
43	Sub head – XIX Fire fighting system, item No.19.28 of BOQ	Supply, Erection, testing & commissioning of cubical type fire P.	Please clarify the item	Complete with incomer switch starter, Ammeter, Voltmeter, Indication lamp etc.
44	Sub head – XIX Fire fighting system, item No.19.31, 19.32 & 19.33 of BOQ	Supply, installation & commissioning of horizontal, multistage type centrifugal pump is used for electric driven pressurization & diesel driven pump.	In general, single stage pump is used for firefighting system, but as per BOQ, multistage pump is considered. Please clarify.	As per BOQ item. Tender conditions prevail.
45	Sub head – VII Steel work, item No.7.3 of BOQ	Structural steel work in single section, fixed with or without connecting plate including cutting.	(i) Kindly clarify the scope of work. (ii) Please provide the type, grade & max. thickness for structural steel.	Please refer CPWD specifications 2009 vol. I & vol. II
46	Sub head – VII Steel work, item No.7.4 of BOQ	Steel work in built up tubular (round, square or rectangular hollow tubes etc) trusses etc.	(i) Kindly clarify the scope of work. (ii) Please provide the grade for structural steel. (iii) Please provide the size of hollow tubes with thickness	Please refer CPWD specifications 2009 vol. I & vol. II

47	Sub head – VII Steel work, item No.7.10 of BOQ	Steel work in built up sections/framed including cutting, hoisting, fixing in position in grating, frames, guard bar, ladder, railings, brackets, gates and similar work.	(i) Please provide the scope of work (ii) Please provide the grade & max. thickness for structural steel.	Please refer CPWD specifications 2009 vol. I & vol. II
48	Bill of quantity- Wiring BOQ item no. 20.1	In the bid document, details about Group-A & Group-C are not available	Please provide more details/elaborate about Group – A Group - C	Please refer CPWD specification
49	Bill of quantity- Rising mains, bus trunking & cable tray BOQ item no. 20.32, 20.33 & 20.34	-	In the BOQ, for 315 Amps (Line item no. 20.33) & 125 Amps (Line item no. 20.34) only bus trunking/rising mains bends quantities are provided. However, there is no bus trunking straight length quantity provided under BOQ line item no 20.32	Rising mains & bus trunking is item no 20.38 to 20.40, item no 20.38 is straight length required in different length/pieces as per site requirement. Item no 20.39 is end feed units. Item no 20.40 is plug in tap off box. Item no 20.38 may be read as inclusive of end covers.
50	Bill of quantity- Rising mains, bus trunking & cable tray BOQ item no. 20.32, 20.33 & 20.34	-	In the bid document specification for bus trunking/rising mains are not provided. Please provide the specification.	
51	-	Statutory variation on taxes & duties	Whether we shall be reimbursed towards statutory variation on taxes & duties if any, during the contract period. Please clarify.	Tender condition prevail.
52	-	Land for erection of temporary structures	Whether the land for construction of temporary structures viz., site office/shed/workshops/yards/labour camp/concrete plant if any shall be provided by the client within the premises. Please clarify.	Land for erection of site office, shed/workshop/yards and concrete plant shall be provided and not for labour camp.
53	SCC page-27 & SCC page 84	Retention money – Limit & Rate of recovery	Retention shall be recovered @ 10% of RA bills limited to 5% of contract price. Please confirm the same as SCC provides alternate options i.e 5% RA bills limited to 2.5% of contract price	Tender condition prevail.

54	BOQ Item No. 11.11	Semi-unitised glazing	Qty. for the item has been shown twice in BOQ. Please clarify.	These are two different items with same quantity. B.O.Q. Item No. 11.11 for “Structural glazing framing work” and B.O.Q. item No. 11.12 for “Insulated glass (double glazed) works”. - Pls. refer amended B.O.Q which is uploaded on e-tender portal
55	BOQ Item No. 16.10 & 16.12	Circular type manhole	Unit of measurement for item no. 16.10 & 16.12 “ metre” seems to be incorrect. Please clarify.	The unit & items no 16.10 & 16.12 may be read “Each”
56	BOQ Item No. 16.11	Extra depth of circular manhole	Please provide the qty & unit for item no. 16.11	The quantity of items no 16.11 is 2.00 metre and its unit is metre.
57	General	Soil Investigation Report	We request you to provide us soil investigation report as project consist of large quantity of excavation work	Tender conditions prevail
58	BOQ item No. 5.1, 5.2, 8.8 to 8.13	Basic rate of stone flooring, Tile items	Please clarify whether basic rate given for stone & flooring are inclusive of all taxes & transportation cost (i.e. For site rate) We understand that difference in rates will be reimbursed or deducted depending on actual purchase price of item. Please confirm.	The basic rate is inclusive of all taxes and transportation cost.
59	BOQ item no. 5.6 & 5.7	Base Rate for white sand stone	Please provide basic rate of white sand stone also. As quantity of this item is huge.	White sand stone to be as per CPWD specifications
60	BOQ item no. 6.15	Hardware's in metal fire door	BOQ item does not specifies list of hardware's to be provided in metal fire doors. We understand that all hardware's will be paid separately. Please confirm. If not specify list of hardwares to be provided.	Hardware to be provided are mentioned in the item. The item is to be excuted accordingly.
61	BOQ item no. 7.11	Polycarbonate sheet panel system	We understand that structural steel framework required for polycarbonate sheet panel system will be paid under separate item. If not provide us detailed sectional drawings of the item.	Yes

62	BOQ item no. 7.13	Space frame work	Please provide us drawings of space frame work. Please also specify approved agency for the work.	Tender drawings already uploaded on e-tender portal in PDF format.
63	BOQ item no. 9.9 & 9.19	Approved makes for galvanized iron profile sheet & metal ceiling	Please provide approved make for galvanized iron profile sheet & metal ceiling	Approved makes for item 9.9 are (i) Inter arch (ii) Punj Llyod and (iii) Kirbi
64	BOQ item no.11.11	Semi (grid) unitized system of structural glazing	Please provide drawing for structural glazing work and also specify panel size	Tender drawings already uploaded on e-tender portal in pdf format
65	BOQ item no.14.9	GI chain link fencing	We understand that steel work required for supporting chain link fencing will be paid separately. If not please provide us the detailed drawing.	Steel work required for supporting chain link fencing will be paid separately
66	BOQ item no.13.8	Basic rate of glass mosaic tile	Please provide basic rate of glass mosaic tile flooring. Please note that there is large variation in rates of glass mosaic tiles starting from 800/-sft to 4000/sft.	The basic rate of mosaic tile is Rs. 1050/= per sqm
67	-	Crushed sand (M sand)	We understand that crushed sand (M sand) will be permitted to be used for all work except plastering work. Please confirm.	Request not accepted. Tender conditions prevail.
68	General	Built up area statement	Please provide us floor wise built up area of of all buildings	Tender drawings already uploaded in e-tender portal. Ref. Master plan for area statement.
69	GCC Clause 60.7	Plant & Machinery advance	We request you to provide interest free plant & machinery advance of 5% of the contract price.	Tender Condition prevails
70	SCC Clause 33 d	Cash retention: All RA bills will be deducted at 5% subject to a maximum of 2.5% of the contract price and shall be released after defect liability period.	Please accept progressive bank guarantee instead of cash retention. Please note that it will adversely affect contractors cash flow.	No Change, Tender conditions prevail.
71	SCC Clause 10.2 page 15	Service Tax	Please clarify whether service tax is applicable or not. If applicable it is reimbursed or not	Service Tax Not Applicable.

72	SCC Clause 10.2 page 10	Performance Guarantee	We understand you to consider release performance guarantee after completion of work instead of Defect Liability Period. As security deposit of 5% of the CP will be there during DLP period.	No Change, Tender conditions prevail.
73	SCC Clause 41 page 44	Statutory clearances	We understand that Environment clearance will be taken by client. Contractor scope should be limited to cutting of trees if any. Occupancy certificates should be taken by the client & its architect. Contractor will help in process.	See Comments against SI. No. 30
74	General	Water from bore well	Please clarify whether bore well for construction water will be permitted at site or not.	YES, Water quality to be as per requirement.
75	General	Labour cess deductions from the bill	Please specify whether labour cess shall be deducted by the client.	Tender Condition prevails
76	General	Acceptance of queries	Please accept additional queries for next 4-5 days.	Not acceptable
77	GCC Clause 60.7	Secured advance: Not applicable	We request for 90% of Materials(non-perishable) advance subject to a maximum of 5% percent of the Tender value as per GCC clause no-10B(i)	Request not accepted. Tender conditions prevail. Ref GCC Clause 60.1 (k).
78		Bid Security: The Bidder shall furnish, as part of his Bid, a Bid Security of the amount of Rs. 90.47 Lakhs (Rupees Ninety Lakhs Forty Seven Thousand only) having validity period of 180 days from the last date fixed for receiving of bid.	Kindly provide the BG format	Ref. SCC page 94 for BG format (Annexure-C)
79	General	-	We request you to provide the following conditions: a) Participation through Joint Venture b) Payment of 10% Mobilization advance-interest free	As per tender condition.

80	BOQ No. 20.1	Wiring for light point/fan point/exhaust fan point/call bell point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable in surface/recessed steel conduit, with modular switch plate, suitable GI box and earthing the point with 1.5 sq. mm FRLS PVC insulated copper conductor single core cable etc as required.	We understand that as per technical specification (by HSCC) and as per technical specification (by CPWD), the point wiring shall be 14 G 20 mm dia MS conduit + 1.5 sq. mm FRLS PVC insulated copper wires as per IS: 694. The length of the point shall be 3 meters for Group A and 5 meters for Group C. Please confirm.	a) Group A points are for residential buildings- Guest house , hostel etc. and Group C is for non residential buildings labs/offices etc. (b) point wiring shall be payable as per number of points irrespective of length of point in each category © Conduit size shall be as per number and size of wires being drawn and shall be as per technical specification at page no. 41
81	BOQ No. 20.2	Wiring for light /power plu with 2x4 sq. mm FRLS PVC insulated copper conductor single core cable in surface/recessed steel conduit along with 1 no 4 sq. mm FRLS PVC insulated copper conductor single core cable for loop earthing as required.	We are quoting for wiring with required size of MS conduit as per CPWD specification.	Conduit size shall be as per number and size of wires being drawn and shall be as per technical specification at page no. 41
82	BOQ No. 20.3	Wiring for circuit/submain wiring along with earth wire with the following sizes of FRLS PVC insulated copper conductor, single core cable in surface/recessed steel conduit as required.	We are quoting for wiring with required size of MS conduit as per CPWD specification.	Conduit size shall be as per number and size of wires being drawn and shall be as per technical specification at page no. 41
83	BOQ No. 20.18	Supplying of MS raceway of size 50mm x 25mm) nominal size) with one no. internal partition with removable cover and fixing the same on wall/floor with sufficient number of fastners etc as required.	Can we quote for MK make under floor trunking system of 50 x 25 mm with one compartment ?	Shall be as per BOQ / Specifications
84	BOQ No. 20.35	Supplying & installing following size of perforated pre-painted MS cable trays with perforation not more than 17.5% in convenient sections, joined with connectors, suspended from the ceiling with MS suspenders including bolts & nuts, painting suspenders etc as required.	Whether the given cable trays are of pre-galvanized or hot dip galvanized ? Please confirm.	Shall be as per BOQ / Specifications

85	BOQ No. 20.40	Supplying of following lighting fixtures complete with special electronics low loss ballast/lumilux tube/lamp/condenser/starter /louvers/reflector /cover etc. complete as required.	Kindly provide cat./part no. for all light fixtures.	Lighting fixtures category number/make is given in the revised BOQ
86	BOQ No. 20.44	Supply, installation and commissioning of UPS system of following capacity including maintenance free batteries and all accessories, wiring, connections etc suitable for backup for 30 minutes - 2x5 KVA and 2x100 KVA	The given rating of UPS is not matching with technical specification (550 KVA and 160 KVA) Please furnish the details of UPS like input and output system.	UPS system capacity shall be as per BOQ
87	Panels	List of approved makes of materials	Please allow us to quote panels by local panel fabricators (CPRI approved)	Electrical panels - MDBS, AHU panel, etc. shall be fabricated by reputed CPRI approved fabricators of panels as approved by HSSC.
88	BOQ-14.2	Providing and fixing water closet squatting pan (Indian type WC pan) with 100mm sand cast iron P or S trap, 10litre low level white P.V.C flushing cistern, including flush pipe, with manually controlled device(handle lever) conforming to IS: 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required.	Please provide make & catalogue Number.	Tender conditions prevail
	A	White vitreous china Orissa pattern WC pan of size 580 x 440mm with integral type doot rests.		
89	BOQ-14.3	Providing and fixing white vitreous china battery/ electric based infrared sensor operated urinal of approx. size 610 x 390 x 370 mm having pre & post flushing with water (250ml & 500ml consumption), having water inlet from back side, including fixing to wall with suitable brackets all as per manufacturers specification and direction of engineer-in charge.	Please provide make & catalogue Number.	Tender conditions prevail

90	BOQ-14.4	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require :	-	As per CPWD Specification
	A	White Vitreous China Wash basin size 550x400 mm with a pair of 15 mm C.P. brass pillar taps	-	As per CPWD Specification
91	BOQ- 14.6	Providing and fixing white vitreous china laboratory sink with C.I. brackets, C.P. brass chain with rubber plug, 40 mm C.P brass waste and 40mm C.P. brass trap with necessary C.P. brass unions complete, including painting of fittings and brackets, cutting and making good the wall wherever required :	-	As per CPWD Specification
92	BOQ- 15.1/15.2/15.3	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, including cutting and making good the walls etc.	Please confirm the class of pipes (G.I " B" class OR GI " C" class)	As per CPWD Specification
93	BOQ -15.38	Providing and fixing chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply including all CPVC plain & brass threaded fittings. This includes jointing of pipes & fittings with one step CPVC solvent cement, trenching, refilling & testing of joints complete as per direction of Engineer in Charge.	Please confirm the pressure rating (SDR11 OR SDR 13.5)	As per CPWD specification
94	BOQ -15.21	Providing and fixing C.P. brass bib cock of approved quality condorming to IS:8931	Please provide make & catalouge Number	As per approved makes given in contract documents.
	A	15 mm nominal bore.	-	
95	BOQ- 15.22	Providing and fixing C.P. brass long nose bib cock of approved quality condorming to IS standards and weighing not less than 810 gms.	-	As per approved makes given in contract documents.

	A	15 mm nominal bore	-	
96	BOQ- 15.23	Providing and fixing C.P. brass long body bib cock of approved quality condorming to IS standards and weighing not less than 690 gms.	-	As per approved makes given in contract documents.
		15 mm nominal bore	-	
97	BOQ- 15.24	Providing and fixing C.P. brass stop cock (concealed) of approved quality condorming to IS standards 8931.	-	As per approved makes given in contract documents.
		15 mm nominal bore	-	
98	BOQ -15.25	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality condorming to IS:8931	-	As per approved makes given in contract documents.
99	-	Solar water heating systems.	Kindly provide the system capacity and number of system	As per BOQ
100	-	-	Solar power system - what type of system	On live grid tied solar power system.
101	-	Solar water heating systems.	Mounting (Roof / Ground / Kirbi sheet / MS sheet /GI sheets)	Roof mounted solar power system
102	-	-	Input of the loads (DC /AC)	Input of the loads (AC)
103	-	-	Input voltage of loads	230/415V
104	-	-	If roof mounted, is chipping of 4 inches allowed ? -Yes / No	No . The system will be mounted above terrace.
105	-	-	If sheets, please provide the capacity of the load bearing strusses	Not required
106	-	-	Is the space completely open to sky ? - Yes / No	Yes , Area for solar water heating is open to sky.

107	-	-	Total loads -Watts /KW /HP /KVA	25 KWP each
108	-	-	Load typee -Lighting /Resistive /Inductive /Capacitive/ combination of all loads	Connected light / power load in the labs
109	-	-	What is the total capacity of solar power plant which is required -KWP	25 KWP each
110	-	-	What is the total connected load - please mentioin in KW	25 KW each
111	-	-	What is the total consumption per month (KWHR /Units)	Not required
112	-	-	Availability of control room - Yes /No	No space for control panels shall be provided.
113	-	-	availability free space area, please provide - Sqm /Sq ft	Adequate space @12 sqm per KW shall be provided.
114	-	-	How many floors in the building	3 to 5 storied.
115	-	-	Is the mounting of modules and placement of other systems in control room in the same building or in different building	In the same building
116	-	-	What is the distance between the placement of modules to control room - please give it in meters	approx 20 to 25 metre.
117	-	Solar water heating systems.	Please give the sectional Auto CAD drawing of the building clearly mentioning the directions.	It will be terrace mounted system open to sky
118	-	Solar water heating systems.	Mounting (Roof / Ground / Kirbi sheet / MS sheet /GI sheets)	Roof mounted solar power system
119	-	-	Input of the loads (DC /AC)	Input of the loads (AC)
120	-	-	Input voltage of loads	230/415V
121	-	-	If roof mounted, is chipping of 4 inches allowed ? -Yes / No	No . The system will be mounted above terrace.

122	-	-	If sheets, please provide the capacity of the load bearing strusses	Not required
123	-	-	Is the space completely open to sky ? - Yes / No	Yes , Area for solar water heating is open to sky.

NOTE : THE REVISED BOQ IS ANNEXED. BIDDERS ARE REQUESTED TO QUOTE THEIR RATES IN THE REVISED BOQ ONLY.

Note:

- (ii) A common query raised by many agencies is replied once.
- (iii) The validity of Bank Guarantee (BG) of Bid Security/ EMD will be considered from the original due date of bid submission i.e. 20.05.2014
- (iv) Please note that this amendment no. – III, shall form part of the tender and all others terms & conditions of the tender shall remain unchanged.

Prospective bidders are advised to regularly scan through HSCC/AIIMS websites as corrigendum/amendments etc., if any, will be notified only on the HSCC/AIIMS websites and separate advertisement will be made for this.

(-Sd-)
Dy. General Manager (Civil)
HSCC (India) Ltd.